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# **BEYER WEAVER & THOMAS, LLP**

INTELLECTUAL PROPERTY LAW

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## **FACSIMILE COVER SHEET**

July 14, 2006

**Receiver:** Tuan H. Nguyen, Patent Examiner, Art Unit 2813

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**Sender:** Francis T. Kalinski II, Esq.  
Registration No. 44,177

**Our Ref. No.:** 01-471/1D / LSH1P172D1

**Re:** U.S. Patent Application No. 10/772,133  
Filed: February 3, 2004  
Title: MULTI-STEP PROCESS FOR FORMING A BARRIER FILM FOR  
USE IN COPPER LAYER FORMATION

**Pages Including Cover Sheet(s):** 15

**MESSAGE:**

Please file the attached Amendment B in the above-referenced matter.

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**CONFIDENTIALITY NOTE**

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JUL 14 2006

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: CATABAY et al.

Attorney Docket No.:

01-471/1D / LSI1P172D1

Application No.: 10/772,133

Examiner: NGUYEN, Tuan H.

Filed: February 3, 2004

Group: 2813

Title: MULTI-STEP PROCESS FOR FORMING  
A BARRIER FILM FOR USE IN COPPER  
LAYER FORMATION

Confirmation No.: 4269

**CERTIFICATE OF FACSIMILE TRANSMISSION**

I hereby certify that this correspondence is being transmitted by facsimile to fax number 571-273-8300 to the U.S. Patent and Trademark Office on July 14, 2006.

Signed: *Sue Funchess*

Sue Funchess

**AMENDMENT B TRANSMITTAL**Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Transmitted herewith is an Amendment in the above-identified application.

The fee has been calculated as shown below.

	Claims After Amendment		Highest Previously Paid For	Present Extra	Small Entity Rate Fee	Large Entity Rate Fee
Total Claims	28	MINUS	20	8	x 25 =	x 50 = \$400
Independent Claims	4	MINUS	3	1	x 100 =	x 200 = \$200
Multiple Dependent Claim Present and Fee Not Previously Paid						
Total					\$	\$600

- ☐ Applicant(s) hereby petition for a \_\_\_\_\_ month extension(s) of time to respond to the aforementioned Office Action.
- ☒ Applicant(s) believe that no (additional) Extension of Time is required; however, if it is determined that such an extension is required, Applicant(s) hereby petition that such an extension be granted and authorize the Commissioner to charge the required fees for an Extension of Time under 37 CFR 1.136 to Deposit Account No. 12-2252 (Order No. 01-471/1D).
- ☐ Enclosed is our Check No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_ to cover the additional claim fee and/or extension of time fees.
- ☒ Please charge the required fees, or any additional fees required to facilitate filing the enclosed response, to Deposit Account No. 12-2252 (Order No. 01-471/1D).

Respectfully submitted,  
BEYER WEAVER & THOMAS, LLP*Francis T. Kalinski II*  
Francis T. Kalinski II  
Registration No. 44,177P.O. Box 70250  
Oakland, CA 94612-0250

JUL 14 2006

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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**PATENT**

In re application of: CATABAY et al.

Attorney Docket No.:

01-471/1D / LSIIP172D1

Application No.: 10/772,133

Examiner: NGUYEN, Tuan H.

Filed: February 3, 2004

Group: 2813

Title: MULTI-STEP PROCESS FOR FORMING  
A BARRIER FILM FOR USE IN COPPER LAYER FORMATION Confirmation No.: 4269

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Signed: 

Sue Funchess

**AMENDMENT B**Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

This Amendment is in response to the Non-Final Office Action dated April 14, 2006. The Applicants thank the Examiner for his review and examination of this application during prosecution. It is respectfully requested that the above-referenced patent application be reconsidered in light of the amendments and comments made hereinbelow.

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims which begins on page 4 of this paper.

Remarks/Arguments begin on page 9 of this paper.